



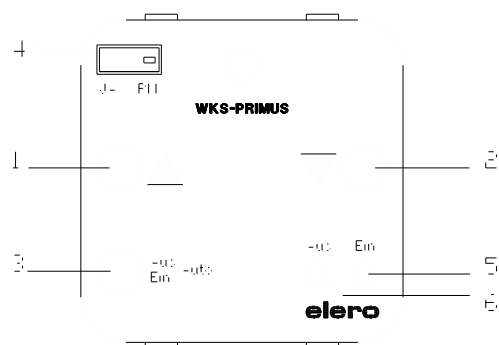
Motor control unit

The individual motor control unit WKS-PRIMUS is a motor control with integrated buttons for manual override operation. It can repeat any memorised travel commands within a 24 hour cycle.

Connecting a central timer or a master switch allows for carrying out central commands. A second switching point (momentary type series switch) can be connected.

There are no restrictions to how many individual motor controls WKS-Primus can be controlled centrally or in groups. This allows solving complex applications the simple way.

Control panel description



No.	Function
1	[UP] command button
2	[DOWN] command button
3	[AUTO] button automatic operation ON/OFF
4	Operation mode selector JA/RM venetian blind drive or tubular motor
5	Indicator (green) = automatic operation ON (EIN)

Memorizing a travel command

Each control unit allows memorizing one UP and one DOWN command. These are repeated in 24 hour intervals.

Memorizing an UP command:

At the required time press the [UP] command button and the [AUTO] button simultaneously.

Memorizing a DOWN command:

At the required time press the [DOWN] command button and the [Auto] button simultaneously.

Successful programming is indicated by the momentary light-up of both LED indicators (red & green).

Whenever a memorized command is being carried out both LED indicators start flashing.

Deleting the travel commands

To change a switching time press the UP or DOWN command button (whatever direction is required) and the [AUTO] button simultaneously. Any memorized old value will automatically be overwritten.

To delete a memorized travel command, first carry out an uninterrupted UP command (duration approx. 3 minutes). After that press the [UP]- and [DOWN] command button simultaneously for more than 3 seconds. Successful deletion is indicated by a momentary light-up of both LED indicators.

Operation mode selector

The operation mode selector serves to match the WKS-PRIMUS motor control to the type of installation used.

Position **RM** - for tubular motors
Position **JA** - for venetian blind drives and awnings

The selector is factory set to RM

Individual Motor Control Unit

WKS - PRIMUS



Position RM

In the RM position the individual motor control unit WKS-PRIMUS is used as a roller shutter control. All manual commands are carried out without delay and are self-maintained. After activating the command the motor will run to the required limit position. The LED light indicator will flash as long as the command is activated which is for approx. 3 minutes. After that the light indicator switches to steady light (green light for automatic operation ON, red light for automatic operation OFF).

Position JA

In the JA position the motor control unit WKS-PRIMUS is used as a venetian blind or awning control. All manual commands are carried out with a delay of approx. 1 second and after that are self-maintained. After activating the command the motor will run to the required limit position.

The LED light indicator will flash as long as the command is activated which is for approx. 3 minutes. After that the light indicator switches to steady light (green light for automatic operation ON, red light for automatic operation OFF).

Automatic operation ON/OFF

The [AUTO] button is used to switch the automatic operation mode ON or OFF.

Automatic operation ON = green light
Automatic operation OFF = red light

Automatic operation ON

The control unit responds to all central UP/DOWN commands. Any memorized travel commands will be repeated in 24 hour intervals.

Automatic operation OFF

Any central commands are ignored. The memorized travel commands will not be carried out.



NOTE

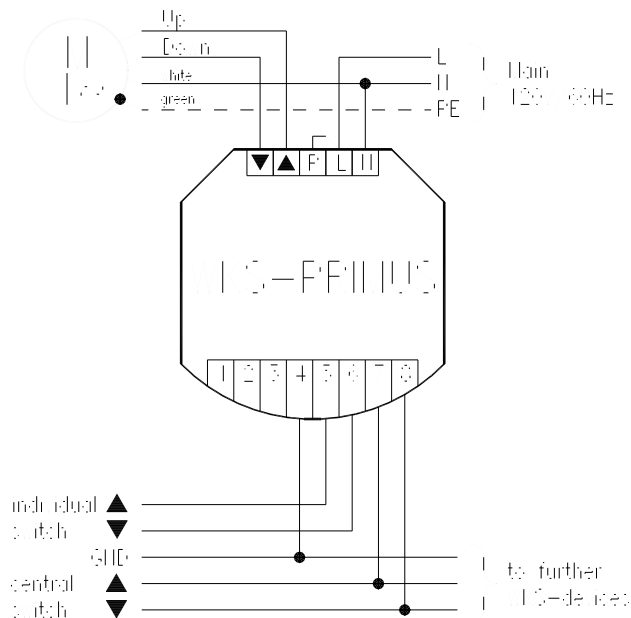
In the MASTER Control System Catalogue

Technical data

Parameters	Value
Voltage	120 V
Frequency	60 Hz
Current consumption	4,5 mA
Switching current	4A/250V AC
Power rating	½ HP-240V AC ¼ HP-120V AC
Pulse duration	approx. 3 min.
Power reserve in case of power failure	approx. 60 min.

Wiring diagram

Work on the 120 V mains may only be carried out by authorised specialists.



Connect only 1 motor maximum
Make sure mains supply is switched off prior to installation!

To set up a control system please refer to the MASTER Control System catalogue.